

PENTALED 63N THEATRE LIGHTS

PENTALED 63N

PentaLED 63N is a high-tech product designed to guarantee excellent performance levels. PENTALED 63N has 72 elliptical reflectors split into 8 modules, each containing 9 LEDs. The modules are mechanically focused by rotating the sterilizable handle. The multiplicity of the luminous sources and the elliptical geometry of the parabolas studied to reflect in the depth the light beams generated by the LEDs, grant scialytic light for a three-dimensional illumination without shadows.

Comfortable use

Thanks to the principle of indirect light, the lamp oriented towards different positions does not dazzle the surgeon and the assistants.

The size of the lit field is adjusted mechanically through handle according to the light required by the surgeon.

Superior lighting features

Membrane keyboard activates the following functions:

- selection of the colour temperature 5,000°K and 4,500°K
 - adjustment of the light intensity up to 160 Klx
 - on/off
 - ended light with colour selection (comfortable light for endoscopy intervention)
- The colour temperature of 5,000°K stimulates the surgeons' concentration, does not strain their sight, reproduces the colour of the tissues faithfully and increases the definition of the edges.

Reliable and long lasting performances

The modular construction of the electronic board that feeds the LEDs guarantees continuous light, even in the unlikely event that a LED or board component should fail. The lighting body is protected by tempered glass screen, covered by a special film avoiding any fallen down splinters in case of break.

Easy manoeuvrability

The reduced dimensions and the light reflector provide extreme manoeuvrability and stability. Smooth 360° rotation. The extremely light structure, the aluminium treated bar attached to the upper front of the cupola, the ultra-thin dome (only 13 cm) allow simple movements.

Battery group, TVCC camera, monitor holding camera on request

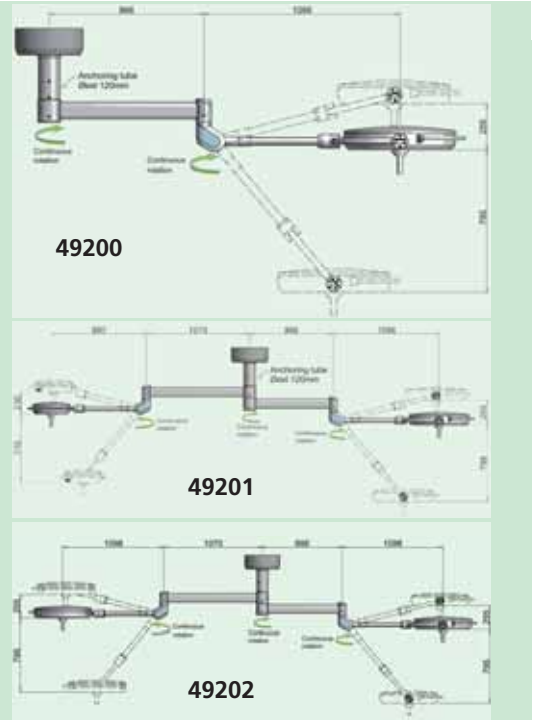
Every lamp can be supplied with an emergency battery group with automatic charger (hours autonomy: 2.5 (49200), 2.5 (49201), 2 (49202)), TVCC camera or monitor holding arm.

Full certification

Complies with European Directives 93/42/EEC and 2007/47/EC 'Class I - Medical Device' CE marking. Made in Italy.

63N 160,000 LUX

RIMSA



63N+30N 320,000 LUX
(160,000+160,000 LUX)

GIMA code	PENTALED 63N THEATRE LIGHTS - CEILING*
49200	PENTALED 63N - 160,000 LUX
49201	PENTALED 63N+30N double - 320,000 LUX - compact
49202	PENTALED 63N+63N double - 320,000 LUX - plus
*Ceiling >3.80 m needs 49220	
ACCESSORIES	
30738	Autoclavable handle - spare
49205	Monitor holding arm - stand alone
49206	IR remote control - single lamps
49207	IR remote control - double lamp
ACCESSORIES TO BE ORDERED WITH LIGHT	
49210	Battery group with automatic charger for 63N
49211	Battery group with automatic charger for 63N+30N
49212	Battery group with automatic charger for 63N+63N
49213	STD TVCC camera for 63N - including lamp setup
49214	HD TVCC camera for 63N - including lamp setup
49215	Monitor holding arm - integrated with lamp
49220	Special structure for high ceiling (>3.8 m)



Shadowless compact

49201

63N+63N 320,000 LUX
(160,000+160,000 LUX)

Shadowless plus

49202

TECHNICAL SPECIFICATIONS

			63N	30N
Performance	Light intensity at 1 m distance (Ec)	klx	160	160
	Colour temperature: double selection	°K	4,500/5,000	4,500/5,000
	Colour rendering index (CRI)	Ra	96	96
	Light field diameter adjustable from/to	cm	21-42	18-30
	Total radiated energy Ee where the illumination reaches max level	W/m²	543	543
	Number of LED		72	30
	Diameter and focus adjustment		manual	manual
	Depth of illumination IEC 60601-0-41 L1+L2 at 60%	cm	46	55
	Depth of illumination IEC 60601-0-41 L1+L2 at 20%	cm	108	115
	Control of illuminance	%	25-100	25-100
Electrical data	Endo LED light intensity min-max	klx	5-20	9-25
	Operating power (VAC)	V	100-240	100-240
	Operating power Vdc	V	24	24
	Electrical absorbed power	VA	145	70
	Frequency	Hz	50/60	50/60
General data	Average LED life	h	50,000	50,000
	Colour	RAL	9003	9003
	Minimum height of the room	cm	260	260
	Outer reflector diameter	cm	63	40
	Useful lighting surface	cm²	1710	712
	Weight	kg	45	35

GIMALED O.T. LED LIGHTS - 160,000 LUX

GimaLed light with **81 Led**: sophisticated design which combines excellent lighting features with exceptional mechanical characteristics for extra soft movement.

Deep light: 27 inner fixed Leds for central illumination and 54 Leds (six modules of nine Leds each) moved by servo-motor, allow surgeon to adjust light field diameter.

Shadowless light: 81 Leds arranged on a round surface grant the best light emitting surface and avoid any shadow effect caused by any interposition between light beams and lighted surface.

Bright light: two colour selections, 4,000K and 4,600K, made of white Leds only, no coloured shadow effect. Light intensity of 160,000 Lux.

Major features

- collimated light beams for a working distance from 70 to 160 cm
- high colour rendering index (CRI) 95, R9 >90
- optimisation of LED thermal management by heat dissipation convection to avoid illuminance reduction during surgery
- PMMA optical lenses and polycarbonate protective screen
- Zener to grant light in case of even one Led failure
- reduced consumption, high efficiency
- optional pre-wired system for Wi-Fi HD camera

GIMA code	GIMALED
49180	GimaLed-mobile
49181	GimaLed-mobile with battery group and automatic charger
49182	GimaLed - ceiling*
49183	GimaLed - ceiling* - double
49197	Autoclavable handle
49205	Monitor holding arm - stand alone
49220	Special structure for high ceiling (>3.8 m)
49185	GimaLed wall remote control
49186	Set up kit for HD Wi-Fi camera**
49187	HD Wi-Fi camera - need 49186

Battery group available on request for all models

*Ceiling >3.80 m needs 49220

**Installation must be done by Gima at the order

Small overall dimensions of cupola, perfectly balanced, ensure stable adjustment.

Ergonomic grip in the cupola and in the protective screen to hold and move the lamp

Motorised light field diameter adjustment through touch sensitive sterilisable handle or touch pad at the side of the cupola

49183

Thin and easy-to-adjust reflector

160,000 LUX

49180

TECHNICAL SPECIFICATIONS

Light intensity at 1 m distance (Ec)	Klx 160
2 Colour temperature - switchable	°K 4,000 and 4,600
Colour rendering index (CRI)	Ra 95
Light field Ø (adjustable)	11-35 cm
Light field Ø where illuminance reaches 10% of Ec (d10)	260 mm
Light field Ø where illuminance reaches 50% of Ec	150 mm
Total radiated energy Ee where illumination reaches max level	556 W/m²
Average LED life	hours 50,000
Power supply:	100-240 V - 50-60 Hz - 61-71 W
Regulations:	IEC 60601-2-41 - 93/42/EEC
Made in Italy	

PENTALED 30E SURGERY LAMP 160,000 LUX

LED LIGHT INNOVATIVE TECHNOLOGY

A compact size hi-tech product that guarantees great performance levels. It has 30 elliptical reflectors split into 6 modules each containing 5 LEDs, providing 160,000 LUX - selectable 4,500 °K - 5,000 °K. By simply pressing the digital key, the surgeon can choose two different white light temperatures

- **E-view**. Innovative lens allows the surgeon to expand/narrow the illuminated operating field electronically, without altering intensity of light.

- **E-comfort**. The indirect LED's creates 3D shadowless illumination of the operating field, no risk of dazzling

- **E-white**. Only white LED's to avoid risk of perception of colour temperature variations or coloured shadows

- **E-deep**. Centre of light is fitted with extra LEDs module specifically designed to reflect deep light. This means that surgeon can work with perfect 3D lighting.

Battery and high definition camera on request. Optional battery group with automatic charger (4 hours autonomy) and high definition integrated camera (for ceiling and wall models only).

GIMA code	PENTALED 30E
30780	Pentaled-mobile
30779	Pentaled-mobile with battery group and automatic charger
30781	Pentaled - wall
30782	Pentaled - ceiling*
30783	Pentaled - ceiling* - double
30785	Autoclavable handle - up to serial number 12071
30738	Autoclavable handle - since serial number 12072
49205	Monitor holding arm - stand alone
49220	Special structure for high ceiling (>3.8 m)

*Ceiling >3.80 m needs 49220

TECHNICAL SPECIFICATIONS

Adjustable light intensity at 1 m distance (Ec)	Klx 160	Total radiated energy Ee where illumination reaches max level	W/m² 540
Colour temperature - switchable	°K 4,500 to 5,000	Average LED life	hours 50,000
Colour rendering index (CRI)	Ra 96	Power supply:	100-240 V - 50-60 Hz - 70 VA
Light field (electronically adjustable)	16-30 cm	Regulations:	IEC 60601-2-41 - 2007/47/EC
Light field Ø where illuminance reaches 10% of Ec (d10)	mm 160	Made in Italy	
Light field Ø where illuminance reaches 50% of Ec	mm 80		

An aluminium ring runs around the dome for easier positioning

30783

Aluminium structure tested for over 40,000 movements

RIMSA

30780

30781

30782

TRIS LED LIGHTS - 130,000 LUX

SHADOWLESS THEATRE LED LIGHT

Shadowless lamp with exceptional technical performance and flexibility of use. Suggested for small surgery, gynaecological and first aid surgeries. Cupola with four inner modules, each with 7 LEDs (total of 28 LEDs) displayed in a radial layout with lenses allowing shadowless and deep light. LEDs modules guarantee continuous light, even in the unlikely event that a LED should fail. Extremely easy to handle and stable in position. Focusing and adjusting the diameter of the illuminated area takes place by rotating the sterilizable handle at the centre of the reflector.

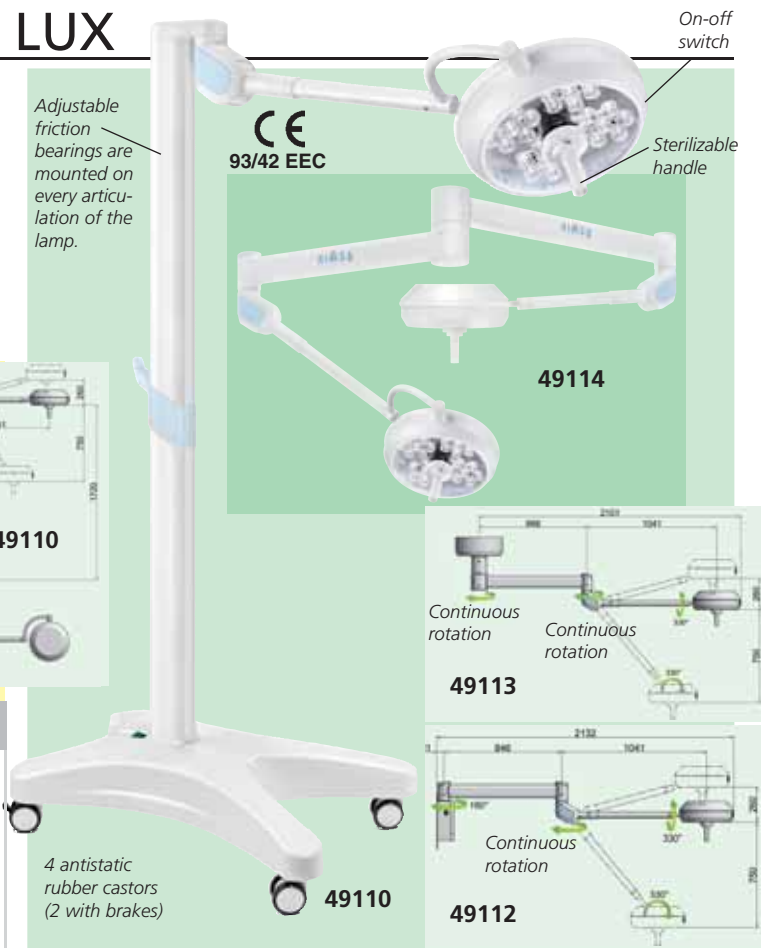
Battery group with charger: 4 hours autonomy, 6 hours recharging.

TECHNICAL SPECIFICATIONS

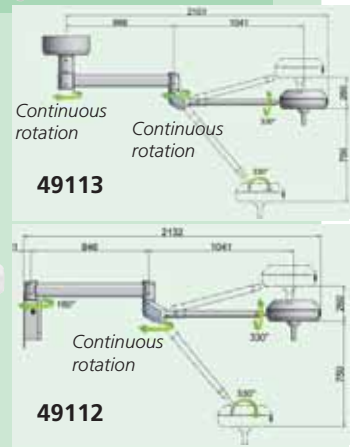
Light intensity: 130,000 lux at 1 m distance
Diameter of the reflector: 40 cm
Adjustable diameter of illuminated field: 26-38 cm
Depth of illumination IEC 60601-2-41 (L1+L2) at 20%: 148 cm
Depth of illumination IEC 60601-2-41 (L1+L2) at 60%: 82 cm
28 LEDs - life 50,000 hours
Colour temperature: 4,300° K ± 5%
CRI 96 (Chromatic Rendering Index)
Power supply: 100-240V - 50/60 Hz - 70 VA
Total radiated energy Ec 460 W/m²
Weight (ceiling, mobile, wall) kg: 35 - 32 - 27
Minimum height of the room (ceiling version): 260 cm
Norms: IEC 60601-1, IEC 60601-2-41 - MDD 93/42/EEC
Made in Italy Warranty: 12 months
mechanical components warranty: 10 years



49110



49114



49113

49112

GIMA code	TRIS SCIALYTIC LED LIGHTS
49110	Scialytic light - mobile stand
49111	Scialytic light - mobile with battery group and automatic charger
49112	Scialytic light - wall
49113	Scialytic light - ceiling**
49114	Scialytic light double - ceiling**
49220	Special structure for ceiling >3.80 m
30738	Spare autoclavable handle - for scialytic 3 bulbs

*to be ordered with light

**Ceiling >3.80 m needs 49220

SATURNO LED LIGHTS - 30,000 LUX



Autoclavable handle

RIMSA

SATURNO LED MINOR SURGERY LAMP

SATURNO is a shadow-less type lamp suitable for small surgery, gynaecology and examination.

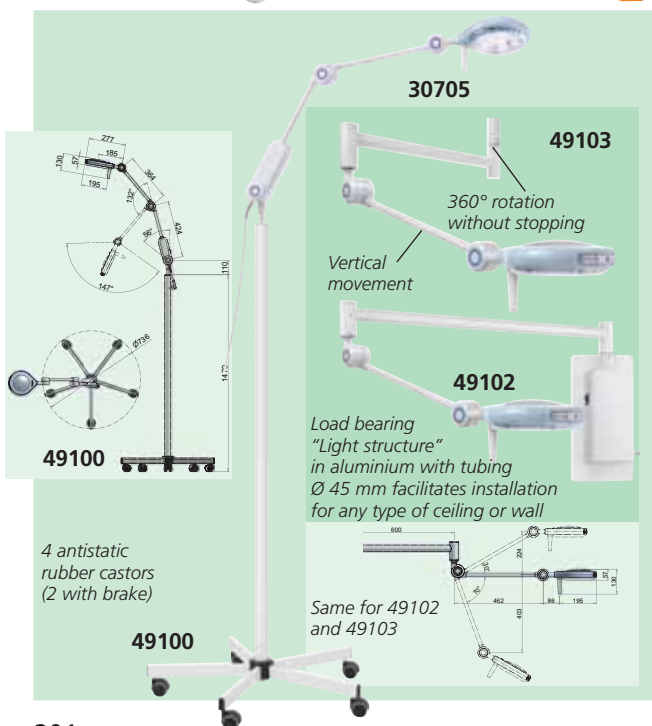
Available in three versions: mobile with castors, wall and ceiling.

- light beams are generated from 9 LEDs - 2.5 W each
- heat is dissipated through aluminium cover reflector
- selection of 2 different white light temperatures: 5,000 °K and 4,500 °K
- light intensity adjustable at 6 different levels through front digital panel
- luminous intensity 30,000 LUX at 1 m. Diameter of illuminated field 28 cm
- adjustable friction bearing are mounted on every articulation of the lamp
- thanks to optical concept, no need to be focus adjusted

Battery group with charger: 4 hours autonomy, 6 hours recharging.

TECHNICAL SPECIFICATIONS

Light intensity at 1 m distance	Lux	30,000
Colour temperature adjustable	K°	4,500/5,000 ± 5%
9 LEDs	W	2.5 each
Average LED life	hours	50,000
CRI (chromatic rendering Index)	Ra	96
Diameter of illuminated field	Ø cm	28
Depth of illumination IEC 60601-2-41 (L1+L2) at 20% of Ec	cm	228
Depth of illumination IEC 60601-2-41 (L1+L2) at 60% of Ec	cm	136
Total radiated energy Ec	W/m ²	105
Diameter of the reflector	cm	19.5
Useful lighting surface of the cupola	cm ²	65
Weight (ceiling, mobile, wall)	kg	12 - 14 - 13
Power requirements	V, Hz	100-240, 50-60
Minimum height of the room (ceiling version)	cm	244
Standards: IEC 60601-1 IEC 60601-2-41, MDD 93/42 CEE, medical device of Class I		
Warranty 12 months - mechanical components warranty 10 years		Made in Italy



49100

30705

49103

360° rotation without stopping

Vertical movement

49102

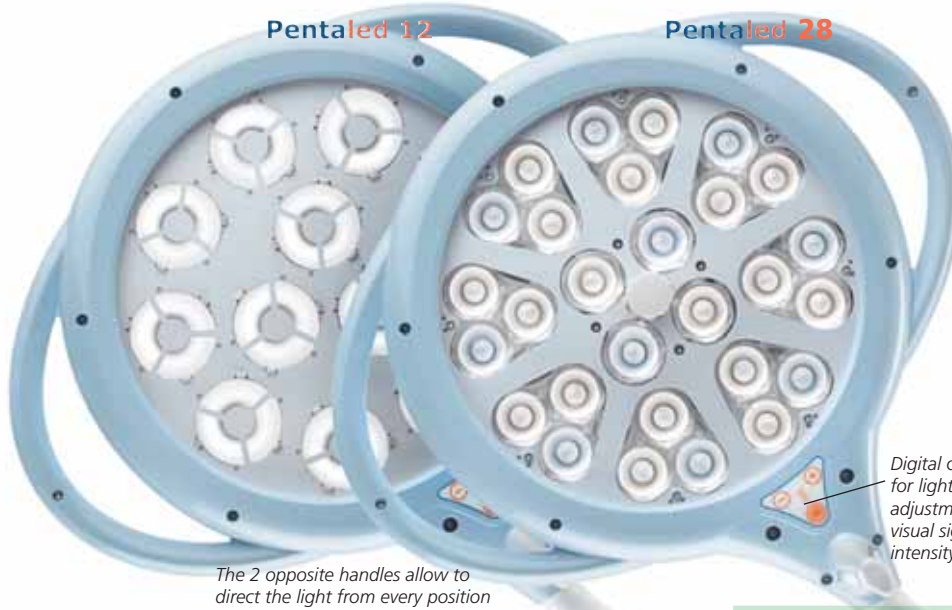
Load bearing "Light structure" in aluminium with tubing Ø 45 mm facilitates installation for any type of ceiling or wall

Same for 49102 and 49103

GIMA code	SATURNO LED LIGHTS
49100	Saturno LED light - mobile stand
49101	Saturno LED light - mobile stand with battery group
49102	Saturno LED light - wall
49103	Saturno LED light - ceiling*
49105	Special structure for high ceiling (>3.20 m)
30797	Spare autoclavable handle for Saturno

*Ceiling >3.20 m needs 49105

PENTALED 12 - 100,000* LUX, PENTALED 28 - 120,000 LUX



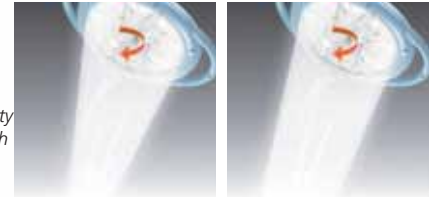
PentaLED 12

- 100,000* Lux at 1 m
- indirect light with 12 elliptic reflectors. They reflect the light rays emitted by the LEDs. Does not dazzle and does not strain eyes.

*Since January 2018. 70,000 Lux up to December 2017

PentaLED 28

- 120,000 Lux at 1 m
- direct light with 28 LED lens
- double colour selection: 4,500 or 5,000 K
- light field adjustment



The 2 opposite handles allow to direct the light from every position

Light field adjustment for PENTALED 28

PENTALED

PENTALED is a perfect combination of technological developments, innovation, ergonomics and compact design, ultra-light and handy structure. Five versions available (trolley, ceiling, ceiling double, trolley with battery group and wall) and technical performances make PENTALED suitable for precision operations, diagnostic use, surgical rooms and small surgeries. Battery group, with an autonomy of 3 hours, is available on request also for wall and ceiling models.

Cold LED light

Bright and cold light reproduces colours faithfully, assuring excellent definition of details.

Ergonomic

PENTALED can be easily positioned by rotation on 4 axes:

- the dome has a full-circle 360° rotation
- the arm moves vertically thanks to a spring balancing system
- the reflector can be rotated on the vertical and horizontal axis.

Movements are possible through the sterilizable handle.

50,000 hours life time
The low power supply current and the heat dispersion through aluminium dome allow the LED a 50,000 hours lifetime.

Light intensity adjustment

Light intensity adjustable through digital control

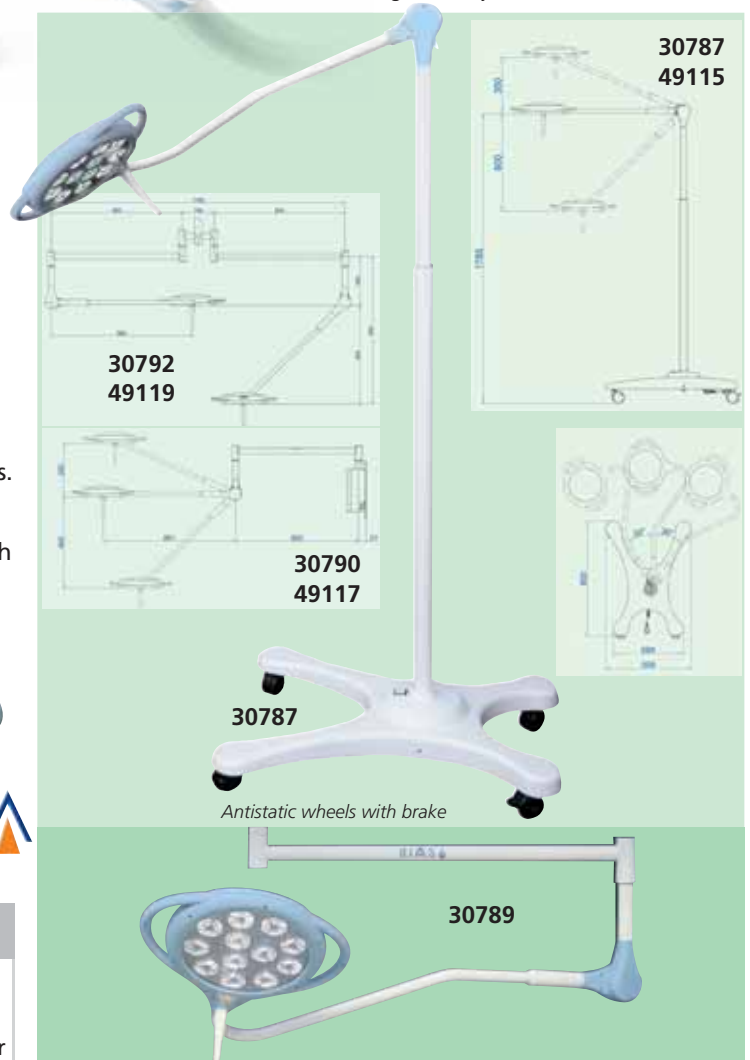


The ultra-flat lighting body is equipped with ultra-resistant polycarbonate screen which guarantees protection against accidental collisions.

The dome can be adjusted by the sterilizable handle

GIMA code	PENTALED 12 LEDS
30787	PentaLED 12 - trolley
30789	PentaLED 12 - ceiling* (for ceiling 2.57 to 3.33 m)
30790	PentaLED 12 - wall
30791	PentaLED 12 - trolley with battery group and automatic charger
30792	PentaLED 12+12 - ceiling* double
30788	Special structure for ceiling > 3.34 m
30793	Autoclavable handle - spare
GIMA code	PENTALED 28 LEDS
49115	PentaLED 28 - trolley
49116	PentaLED 28 - ceiling* (for ceiling from 2.57 to 3.33 m)
49117	PentaLED 28 - wall
49118	PentaLED 28 - trolley with battery group and automatic charger
49119	PentaLED 28+28 - ceiling* double
30788	Special structure for ceiling > 3.34 m
30793	Autoclavable handle - spare

*Ceiling >3.34 m needs 30788



TECHNICAL SPECIFICATIONS

TECHNICAL SPECIFICATIONS			
		PENTALED 12	PENTALED 28
Light intensity at 1 m distance	Lux	100,000	120,000
Colour temperature	K°	4,500	4,500/5,000
LED	No.	12	28
Average LED life	hours	50,000	50,000
CRI (Chromatic rendering Index)	Ra	96	92 (5,000K) 96 (4,500K)
Diameter of illuminated filed	Ø mm	160	135-270
Depth of illumination (L1+L2) at 60°	cm	87	58
Total radiated energy Ec	W/m²	350	404
Weight (ceiling, mobile, wall, double)	kg	18-13-12-20	
Power supply	V/Hz	100-230V, 50-60Hz	
Standards: IEC 60601-2-41, 2007/47/EEC, medical device of Class I			

PRIMALED COLD LIGHT LAMP - 80,000 LUX AT 50 cm

PRIMALED COLD LIGHT LAMP WITH 9 LED LENSES

Appealing design and advanced technology.

Design: the round and ultra-flat shape of the light makes the product ergonomic and suitable for any type of installation, from the doctor's surgery to the intensive-care unit.

Ergo-Spring: the movement of the articulated tubular arm is servo-assisted by a torsion spring which ensures ease of movement and stability.

80,000 lux: unique performance with 80,000 lux at 50 cm.

Light intensity adjustment: six different adjustment levels by the keys on the frontal panel.

4,500-5,000 °K Colour temperature selection: the comparison between the two colours (K) increases the visibility of details.

Shadow suppression: the radial layout of the lenses and the large-diameter lamp (195 mm) allow shadow suppression and three-dimensional lighting.

Adjustable courtesy-light: integrates ambient light with traditional concentrated light.

Sterilizable removable grip: allows best asepsis.

Cold light: the reduced emission of IR rays by the LEDs as well as the low power consumption allow minimum heat emission.

Disinfection: the smooth and rounded shape of the dome and structure make it easy to clean and disinfect.

50,000 hours LEDs life: the top aluminium dome allows heat exchange, thus reducing the work temperature and considerably increasing the life cycle of the single LEDs.

Fully certified: complies with IEC 60601-1 and 60601-1-2 general medical standards and to special standard IEC 60601-2-41 93/42 EEC and 2007/47 EC and is CE marked as a Class I medical device.

Mechanical testing and user safety: die-cast aluminium and tubular steel structure. The articulated arm has undergone mechanical testing for 40,000 continuous movements to ensure maximum safety for the user during use.

Light continuity: the modular design of the LED power circuit ensures light continuity even in case of a LED fault.

GIMA code	PRIMALED
30777	Primaled light - trolley
30753	Primaled flex light - trolley
30778	Primaled light - ceiling* (for ceiling 2.44 to 3.20 m)
49105	Special structure for high ceiling (>3.20 m)
30784	Primaled light - wall
30786	Primaled light - rail (25x10) and clamp
30797	Autoclavable handle
	Battery group available on request

*Ceiling >3.20 m needs 49105

TECHNICAL SPECIFICATIONS

LED life: 50,000 hours
 Light intensity: 80,000 lux at 50 cm, 20,000 lux at 1 m
 Colour temperature: 4,500-5,000 °K Colour rendering index: 95 Ra
 Illuminated field at 50 cm: Ø 140 mm
 External diameter of the reflector: 190 mm
 Temperature increase in the operating area at 1 m: 1°C
 Adjustable height with castors: 600 mm - max 1,600 mm
 Power supply: 80-240V - 50/60 Hz Electric absorption: 21VA
 Weight: 10 kg (trolley included) Made in Italy

The following functions are controlled by the keys on the membrane keyboard:

- on/off
- selection of the 5,000°K and 4,500°K colour temperatures
- 6-level adjustment of the light intensity
- courtesy light



RI-MAGIC® HP LED LIGHT

- 49050 RI-MAGIC® HP LED - desk
- 49051 RI-MAGIC® HP LED - trolley
- 49052 RI-MAGIC® HP LED - wall

High performance medical LED light for examination and procedures.

- high performance LED, 6,500 °K
- lifetime of the lamp up to 50,000 hours
- significantly reduced heating and energy loss

- focusing device at the front of the light head

- highly flexible, long special arm can be bent in all directions

- rheostat handle for infinitely variable regulation of light intensity.

Manual in: GB, FR, IT, ES, DE, RU.

Made in Germany.

49051

Riester

Low friction
antistatic
castors
with brake

Sturdy
mobile base
made of
fiber glass
and chrome
plated pole.

Ø 53 cm
mobile base

TECHNICAL SPECIFICATIONS

Distance:	1,000 mm	800 mm	600 mm	400 mm	200 mm
Lux max:	15,000	20,000	30,000	45,000	55,000
Circle of light max Ø:	340 mm	270 mm	215 mm	155 mm	90 mm
Circle of light min Ø:	40 mm	35 mm	30 mm	25 mm	20 mm
Operating voltage:	100-240 V,	50-60 Hz			

MONOLED LED LIGHT

- 30715 MONOLED LED LIGHT - on trolley

High performance LED light for minor surgery and examination.

Flexible arm and versatile use.

Arm lenght 70 cm (35 cm flexible, 35 cm rigid).

Supplied on sturdy 5 castors stand for easy movability. Schuko plug.

Made in Italy.

CE
93/42

40,000 LUX

TECHNICAL SPECIFICATIONS

Consumption:	16 W
Life of the bulbs:	30,000 hours
Light intensity at 50 cm:	40,000 lux
Colour temperature ± 5% at 1 m:	7,000 °K
External Ø of the reflector:	120 mm
Colour:	cold white
Weight:	11 kg
Operating voltage	175-250 V
Operating Hz	50/60 Hz
Norms	IEC 60601-1

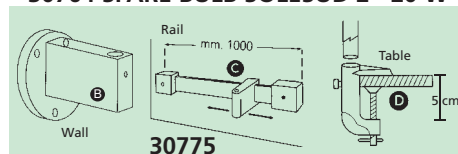


HALOGEN AND LED LIGHTS FOR EXAMINATION AND MINOR SURGERY



• **30747 SOLESUD 2 on trolley - halogen**
 • **30748 SOLESUD 2 wall - halogen** [®]
 Suitable for gynaecology, examination and head-bed. Aluminium reflector equipped with 2 halogen dichroic bulbs, 20W 12V 10° IRC protected by a tempered glass, hermetically sealed against dirt and fluid spray and with ergonomic handle for movement. Bulbs switch on simultaneously and, in case one breaks, light is always assured. Arm movement servo-assisted by a torsion spring provides lightweight movement and stability of position. A light beam of 180 mm diameter at a distance of 50 cm allows precise and reliable examinations. Base with 5 rotary spokes, 900 mm high. 3 Pin British Plug available on request. Made in Italy.

- **30769 SPARE TROLLEY - base Ø 61 cm**
- **30775 RAIL CONNECTION WITH CLAMP**
- **30764 SPARE BULB SOLESUD 2 - 20 W**



- **30760 SIMPLEX on trolley - halogen**
 - **30761 SIMPLEX wall** [®] - halogen
 - **30762 SIMPLEX table with clamp** [®]
 - **30763 SIMPLEX rail** [®] - halogen
- Versatile lamp equipped with a halogen dichroic bulb 35W 12V placed inside the aluminium reflector and protected by a tempered glass. Electronic transformer integrated in the base with lead retainer with spiral protection and bipolar light switch with green indicator light. Ceramic fuse offers extra protection.
- **30759 SIMPLEX on trolley - LED**
 - **30749 SIMPLEX wall** [®] - LED
 - **30752 SIMPLEX table with clamp** [®] - LED
- Thanks to 3 independent light sources shadow can be reduced and provide a deep cylindrical light with highly reduced heat irradiation. Each LED integrates a resistance to ensure the continuous operation of the lamp even in the rare case of a LED fault. Other specifications as halogen model. Made in Italy.
- **30766 SPARE BULB SIMPLEX - IRC 35 W**
 - **30768 SPARE TROLLEY - base Ø 62 cm**
 - **30775 RAIL CONNECTION WITH CLAMP**



- **30754 LUXIFLEX on trolley - halogen**
 - **30756 LUXIFLEX on trolley - LED**
- Stylish and versatile light for examination and minor surgery procedures in health-centres, clinics and hospitals. Suitable also for veterinary examinations and procedures. Safe low voltage operation without infrared radiation. Electronic transformer lodged at the bottom of the lamp. Flexible arm and 5 castors trolley allow easy use and movability. Class II. Made in Europe.

- **30757 SPARE BULB LUXIFLEX - halogen**



- **30712 MINIMED 2 ON TROLLEY - halogen**
 - **30714 MINIMED 2 ON TROLLEY - 12 LED**
- Low voltage and high definition, intense light. Flexible arm for versatile use. Supplied on a sturdy 5 castors stand for easy movability. Made in Italy.

- **30744 SPARE BULB - 50 W - halogen**

Model	SOLESUD 2	SIMPLEX	LUXIFLEX	MINIMED 2
Type of lighting	halogen	halogen LED	halogen LED	halogen LED
Consumption (Watt)	2x20	35	3x1.4	35
Life of the bulbs (hours)	5,000	5,000	50,000	5,000
Light intensity at 50 cm (lux)	40,000	30,000	35,000	50,000
Light intensity at 1 m (lux)	8,000	8,000	13,000	-
Colour temperature ± 5% at 1 m (K)	3,000	3,000	4,200	4,000
Light field size at 50 cm (Ø mm)	180	100	140	3,000
External Ø of the reflector (mm)	140	105	86	60
Colour	white	white	white	white
Norms	IEC 60601-1	IEC 598-2-25 IEC 60601-1	IEC 60601-1-2	IEC 60601-1
Marks	CE 93/42	CE 2006/95 CE 93/42	CE 93/42	CE 93/42 CE 93/42
Weight (kg)	6	5	5	9
Operating voltage V	230	230	100-230	230
Operating Hz	50/60	50/60	50	50/60
Operating voltage on request V-Hz			110-60*	

*minimum 50 pcs.

MAGNIFYING FLUORESCENT COLD LIGHTS - 3 DIOPTRES

GIMANORD

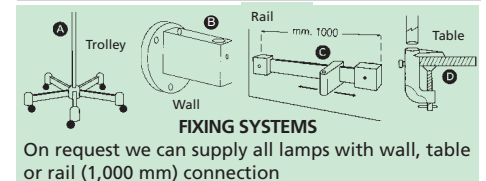
Magnifying glass self-illuminating fluorescent cold light 3 dioptries (0.75X). Suggested for dermatology and whenever magnifying is required. It is equipped with a biconvex magnifying lens in optical glass Ø 120 mm. The cold fluorescent light allows prolonged use. Polycarbonate screen for protection of the light source. Available also with wall support. Medical device Class I.

TECHNICAL SPECIFICATIONS

Type of lighting	fluorescent
Consumption	22 W
Life of the bulbs	6,000 hours
Light intensity at 50 cm	550 lux
Colour temperature	4,550 °K
External diameter of the reflector	230 mm
Temperature increase at 1 m	0 °C
Norms	IEC-60601-2-41
Marks	CE 93/42
Weight	7 kg
Operating voltage V-Hz	220-240 V, 50 Hz
Adjustment height with castors base:	
min-max	60-180 cm



GIMA code	MAGNIFYING LIGHTS
30750	GIMANORD desk model - with clamp
30751	GIMANORD on trolley
SPARES AND FIXING SYSTEMS	
30767	Spare fluorescent lamp - 22 W
30771	Spare plexiglass shield
30769	Trolley - spare (A) - base Ø 61 cm
30774	Wall connection (B)
30775	Rail connection with clamp (C)
30776	Table connection (D)



LED MAGNIFYING LAMP - 5 DIOPTRES

• 30737 LUPA LED MAGNIFYING LIGHT - trolley

• 30739 LUPA LED MAGNIFYING LIGHT - desk with clamp

Smartly designed cold light LED lamp with 5-dioptres magnification. Generates a light without shadow. 5 wheels base and articulated arm allow easy movement. Manual in GB, FR, IT, ES, PT, DE. Medical device Class I. Made in Europe.

TECHNICAL SPECIFICATIONS

Type of light:	80 LED - HF 8 W
Dioptres:	5
Lens:	Ø 12.7 cm
Colour temperature:	6,500 °K
Operating voltage:	230 V - 50 Hz
Class I	
Electrical security:	UNI EN 60601-1 (1990)
Electromagnetic compatibility:	EN 60601-1-2 (1993)
Lamp life:	40,000 hours



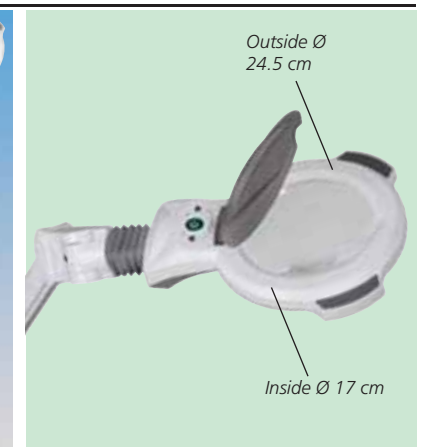
LED MAGNIFYING LAMP - 3 DIOPTRES

• 30736 DERMALED MAGNIFYING LAMP

Cold light LED lamp with 3 dioptries magnifying lens and brightness adjustment. It comes with a high stability 5 wheels base and an articulated arm for easy movement and fixing of the lamp. Made in China.

TECHNICAL SPECIFICATIONS

Type of light:	LED
Voltage:	8 W
Dioptres:	3 (large glass)
Colour temperature:	8,000-9,000 °K
Light intensity at 20 cm:	2,000 lux
Operating voltage:	100-240 V - 50/60 Hz
Net/Gross weight:	10-12 kg



VISTA WOOD BLUE LIGHTS: TROLLEY AND MANUAL

- 31196 VISTA WOOD LAMP - handle
 - 31197 VISTA WOOD LAMP - trolley
- A Wood lamp is a diagnostic tool to diagnose the condition of skin. Different skin conditions appear in different colours. These models have polished glass magnifying lens 10x6 cm - 3 dioptries. 9W special compact fluorescent tube at approximately 360 nm wavelength. Operating voltage: 230 V - 50 Hz. Manual in GB, FR, IT, ES, PT, DE. Made in Spain.
- 31201 FLUORESCENT TUBE 9W
 - spare for 31196-31197



MACRO LENS 12X

- 31155 SMARTPHONE MACRO LENS 12X
- Macro lens 12X for allergists, dermatologists, phlebologists, aesthetic surgeries. Can be mounted on any smartphone to take magnified images. Supplied with clip compatible with any smartphone, 10x10 cm wipe and multilanguage manual (GB, FR, IT, ES, PT, DE, PL, GR).



ECONOMIC WOOD LAMP



- 31200 WOOD LAMP
- Ultraviolet light for skin condition analysis. Size 30x21x7 cm. Made in China.
- 31202 FLUORESCENT TUBE - spare

POCKET WOOD LIGHT



- 31189 POCKET WOOD LIGHT
- Pocket ultraviolet light, to detect skin disorders. Provided with replaceable fluorescent lamp. Power 6 V. Works with 4xAAA batteries with 4-6 hours autonomy.
- 31190 FLUORESCENT TUBE - spare

DIGITAL Wi-Fi POLARISED DERMATOSCOPE, CAPILLAROSCOPE, MICROSCOPE

An innovative line of handheld colour digital microscopes: dermatoscope with polarized filter, capillaroscope and iridoscope with Wi-Fi wireless transmission. Small, easy to operate light and portable. They can be used with all the most popular smartphones, tablet and PC.

Basic software for acquisition of photos, videos, measurements google/apple applications included. Designed in Italy, manufactured in China. Directive 93/43/CEE - Medical device Class I (only 32181 and 32183).



- 32181 Wi-Fi DERMATOSCOPE with polarized filter
- 32182 PROFESSIONAL SOFTWARE for 32181

DERMATOSCOPE SPECIFICATIONS

Magnification: 5X to 200X
Light source: 8 adjustable white LED
Lens: High definition microscopy lens



- 32183 Wi-Fi CAPILLAROSCOPE

CAPILLAROSCOPE SPECIFICATIONS

Magnification: 500X to 600X
Light source: 8 adjustable white LED
Lens: High definition microscopy lens



- 32184 Wi-Fi MICROSCOPE
- Advised for iris scanning

MICROSCOPE SPECIFICATIONS

Magnification: 30X
Light source: 2 adjustable white LED+ 2 adjustable yellow LED
Lens: High definition microscopy lens

TECHNICAL SPECIFICATIONS		
Operation system	Windows (XP and following), Mac (OSX 10.7 following), iOS, Android (it can be used by Wi-Fi or USB)	CAMERA
Photo and video resolution	1.3 MPixels - 1280x1024 (MJPG), 640x480 (MJPG), 320x240	Camera sensor CMOS 1/4"
Frame rate	15 fps 1,280x1,024, 30 fps 640x480 320x240	Optical features Exposure: Auto, Gamma: Auto, White balance: Auto, Black reference: Auto
Wi-Fi wireless transmission distance	Up to 5 m	
Power consumption	Max 2.5 W	
Li-ion battery	Continuous working time - appx. 2 hours, full charging time - appx. 2 hours	PROFESSIONAL SOFTWARE
Power source - Size - Weight	DC 5.0V 7 1A - Ø 36x142 mm - 88 g	Operation system: Windows XP and next Software language: GB, IT

STANDARD ACCESSORIES
Caps of contact (only for 32181)
USB AC adapter
USB cable
Quick manual
Plastic stand
Line calibration ruler
Manual (GB, FR, IT, ES, DE)
CD basic software Win (GB, IT, ES, DE, PT, RU, BG, TH, JP, KR), Mac (GB)